

6. (Reiterated) A host cell transformed with the expression vector of claim 5.
13. (Reiterated) An isolated polynucleotide comprising a nucleic acid sequence encoding the polypeptide having the sequence as shown in SEQ ID NO:4
17. (Reiterated) An expression vector comprising the polynucleotide of claim 13.
18. (Reiterated) A host cell transformed with the expression vector of claim 17.
25. (Reiterated) The polynucleotide sequence of claim 1 comprising a nucleic acid sequence as shown in SEQ ID NO:1.
26. (Reiterated) The polynucleotide sequence of claim 13 comprising a nucleic acid sequence as shown in SEQ ID NO:3.

Please cancel claims 2-3, 14-15 and 27-33 without prejudice.

Please add the following new claims:

--36. A nucleotide sequence which is capable of hybridizing to the nucleic acid sequence of claim 1 under stringent conditions.

37. A nucleotide sequence which is capable of hybridizing to the nucleic acid sequence of claim 13 under stringent conditions.

38. A method for detecting a polynucleotide which encodes PANEC-1 in a biological sample comprising the steps of:

- a) hybridizing the nucleotide sequence of claim 36 a biological sample, thereby forming a hybridization complex; and
- b) detecting said hybridization complex, wherein the presence of said

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